1：改动接口

根据modelId查询模型信息/api/model/{id}

根据设备的层级和类型查询/api/model/modelInformation/hierarchy

根据空间坐标查询附近模型设备/api/model/modelInformation/interval

剔除接口根据属性点id查询信息/api/model/modelInformation

2：改动方案

先按照原有业务逻辑查询出符合范围的模型

再根据模型表pl\_model\_instanced的主键id去model\_device\_middle查询设备关联属性



一个pl\_model\_instanced主键id会关联一个或者多个attribute\_info\_id

1：若无关联关系，则返回pl\_model\_instanced相关信息

[

{

"modelId": "2146153416",

"modelPid": "2146147114",

"modelCode": "4-036",

"modelType": "3D",

"modelName": "烟感报警器",

"modelCategoryId": "1246",

"modelCategoryCode": "yanganbaojingqi",

"modelCategoryName": "烟感报警器",

"instancedCustomProperty": "[{\"property\_des\":\"FAS\",\"property\_column\":\"设备系统\",\"propertytype\":0,\"poiid\":2146153416,\"property\_value\":\"FAS\",\"createuser\":333,\"customproperyid\":607,\"status\":true},{\"property\_des\":\"设备层\",\"property\_column\":\"楼层\",\"propertytype\":0,\"poiid\":2146153416,\"property\_value\":\"3\",\"createuser\":333,\"customproperyid\":608,\"status\":true}],",

"attributeInfoList": [],

"abnormalState": "0",

"videoAddressNo": null

}

]

2：若存在关联关系，且pl\_model\_instanced设备类型不属于摄像头范围，则

调用外部接口getYcYxDdRdWithInFo接口查询属性节点信息

{

"state": 1,

"msg": "",

"data": [

{

"val": "0",

"id": "G53\_S14\_Z086",

"pointDesc": "15003空调报警信息",

"valDesc": "0"

},

{

"val": "0",

"id": "G52\_S14\_Z088",

"pointDesc": "15002应急手柄信息",

"valDesc": "0"

}

]

}

接口返回结果实例如下

[

{

"modelId": "2146151163",

"modelPid": "2146147116",

"modelCode": "1-076",

"modelType": "3D",

"modelName": "烟感报警器",

"modelCategoryId": "1246",

"modelCategoryCode": "yanganbaojingqi",

"modelCategoryName": "烟感报警器",

"instancedCustomProperty": "[{\"property\_des\":\"FAS\",\"property\_column\":\"设备系统\",\"propertytype\":0,\"poiid\":2146151163,\"property\_value\":\"FAS\",\"createuser\":333,\"customproperyid\":607,\"status\":true},{\"property\_des\":\"站厅\",\"property\_column\":\"楼层\",\"propertytype\":0,\"poiid\":2146151163,\"property\_value\":\"1\",\"createuser\":333,\"customproperyid\":608,\"status\":true}],",

"attributeInfoList": [

{

"attributeInfoId": "G53\_S14\_Z086",

"attributeName": "15003空调报警信息",

"currentValue": "0",

"attributeValueInfo": "0",

"normalValue": "0",

"attributeAbnormalFlag": "0"

},

{

"attributeInfoId": "G52\_S14\_Z088",

"attributeName": "15002应急手柄信息",

"currentValue": "0",

"attributeValueInfo": "0",

"normalValue": "1",

"attributeAbnormalFlag": "1"

}

],

"abnormalState": "1",

"videoAddressNo": null

}

]

其中normalValue为每个属性节点正常状态应有的值

attributeAbnormalFlag为每个属性节点是否异常的标识（1为异常0为正常）

abnormalState根据每个属性节点状态判断，若有一个attributeAbnormalFlag为异常则abnormalState就是异常

3:若存在关联关系，且pl\_model\_instanced设备类型属于摄像头范围，则返回

[

{

"modelId": "2146148151",

"modelPid": "2146147116",

"modelCode": "7-8VC",

"modelType": "3D",

"modelName": "蓝框枪型摄像头",

"modelCategoryId": "2480",

"modelCategoryCode": "LKQXSXT",

"modelCategoryName": "蓝框枪型摄像头",

"instancedCustomProperty": "[{\"property\_des\":\"CCTV\",\"property\_column\":\"设备系统\",\"propertytype\":0,\"poiid\":2146148151,\"property\_value\":\"CCTV\",\"createuser\":333,\"customproperyid\":613,\"status\":true},{\"property\_des\":\"站厅\",\"property\_column\":\"楼层\",\"propertytype\":0,\"poiid\":2146148151,\"property\_value\":\"1\",\"createuser\":333,\"customproperyid\":614,\"status\":true}],",

"attributeInfoList": null,

"abnormalState": "0",

"videoAddressNo": "01851401058004014113"

}

]